

FIGURE 1A

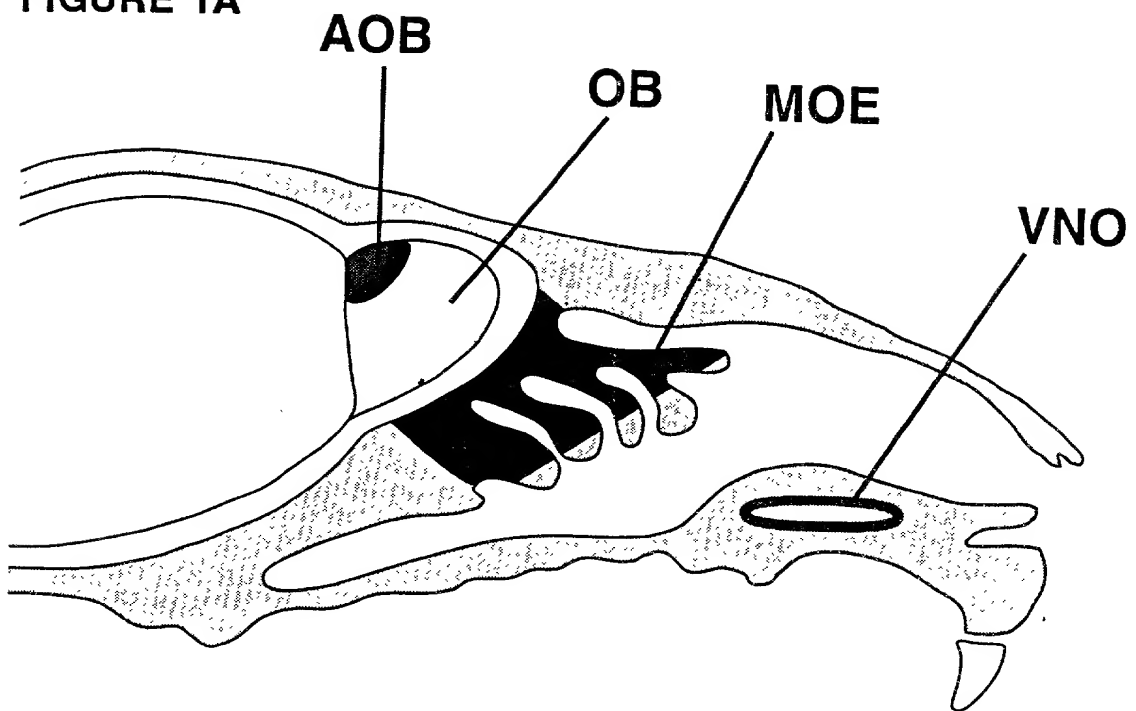


FIGURE 1B

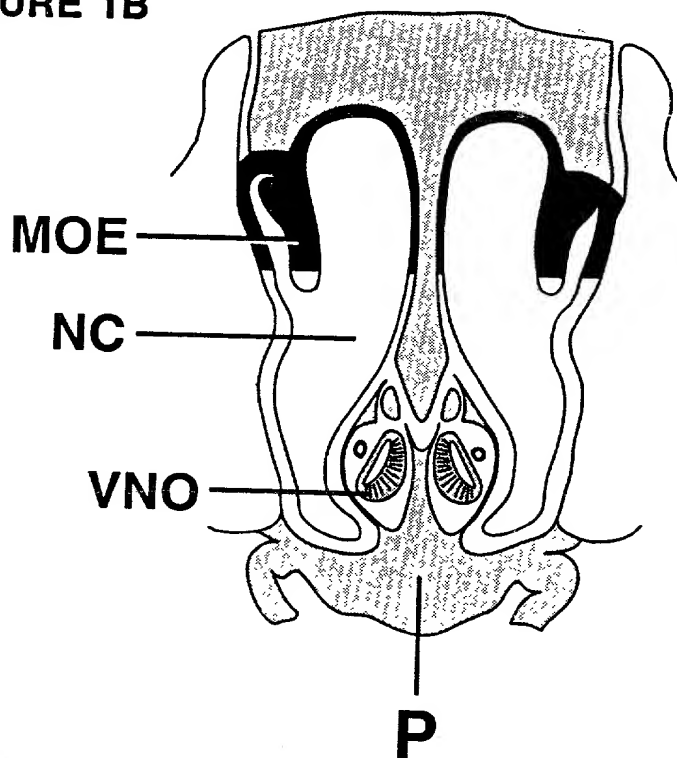


FIGURE 3A

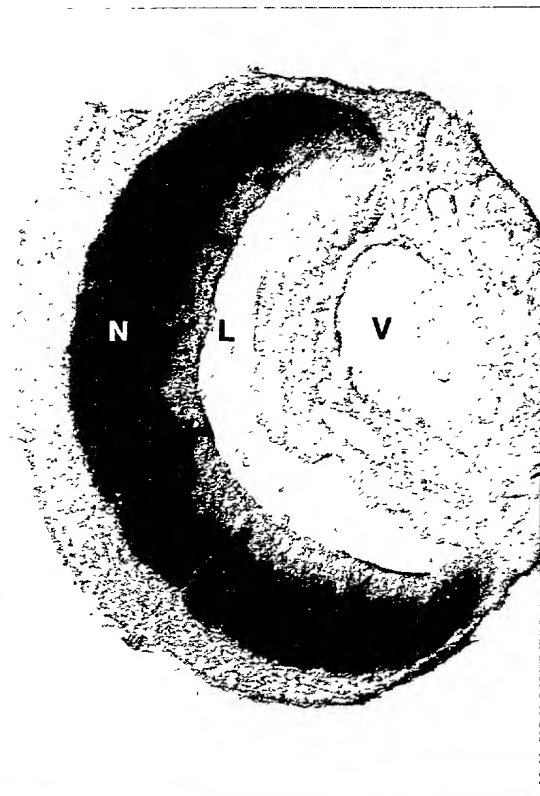


FIGURE 3B



FIGURE 3C

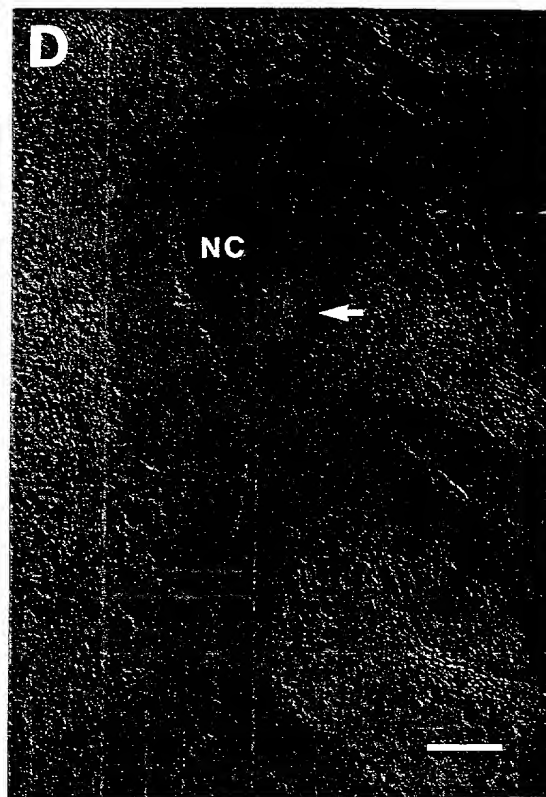


FIGURE 3D

TOPIC "948660"

FIGURE 4A

VN1 VN2 VN3 VN4 VN5 VN6 VN7	I		II		III		IV		V		VI		VII	
	MMNKNRSR		MMNKNRSR		DDIICKSL		DDIICKSL		TNDFFIHVT		LMSLFVL		LMSLFVL	
	YTDNIRNT		YTDNIRNT		LRLYRTR		LRLYRTR		QWCSII		MSVFD		MSVFD	
	HDSNIRNT		HDSNIRNT		LLYRTR		LLYRTR		IIPMSYL		IIFS		IIFS	
	STIRNTFST		STIRNTFST		YRTR		YRTR		QSCSI		MSVFD		MSVFD	
	HVDTIMKIT		HVDTIMKIT		MFSE		MFSE		IIPMSYL		MSVFD		MSVFD	
	YGVVDKQAI		YGVVDKQAI		FFEVVIGIS		FFEVVIGIS		IIPMSYL		MSVFD		MSVFD	
VN1 VN2 VN3 VN4 VN5 VN6 VN7	MMNKNRSR		MMNKNRSR		DDIICKSL		DDIICKSL		TNDFFIHVT		LMSLFVL		LMSLFVL	
	YTDNIRNT		YTDNIRNT		LRLYRTR		LRLYRTR		QWCSII		MSVFD		MSVFD	
	HDSNIRNT		HDSNIRNT		LLYRTR		LLYRTR		IIPMSYL		MSVFD		MSVFD	
	STIRNTFST		STIRNTFST		YRTR		YRTR		QSCSI		MSVFD		MSVFD	
	HVDTIMKIT		HVDTIMKIT		MFSE		MFSE		IIPMSYL		MSVFD		MSVFD	
	YGVVDKQAI		YGVVDKQAI		FFEVVIGIS		FFEVVIGIS		IIPMSYL		MSVFD		MSVFD	
	YGVVDKQAI		YGVVDKQAI		FFEVVIGIS		FFEVVIGIS		IIPMSYL		MSVFD		MSVFD	
VN1 VN2 VN3 VN4 VN5 VN6 VN7	MMNKNRSR		MMNKNRSR		DDIICKSL		DDIICKSL		TNDFFIHVT		LMSLFVL		LMSLFVL	
	YTDNIRNT		YTDNIRNT		LRLYRTR		LRLYRTR		QWCSII		MSVFD		MSVFD	
	HDSNIRNT		HDSNIRNT		LLYRTR		LLYRTR		IIPMSYL		MSVFD		MSVFD	
	STIRNTFST		STIRNTFST		YRTR		YRTR		QSCSI		MSVFD		MSVFD	
	HVDTIMKIT		HVDTIMKIT		MFSE		MFSE		IIPMSYL		MSVFD		MSVFD	
	YGVVDKQAI		YGVVDKQAI		FFEVVIGIS		FFEVVIGIS		IIPMSYL		MSVFD		MSVFD	
	YGVVDKQAI		YGVVDKQAI		FFEVVIGIS		FFEVVIGIS		IIPMSYL		MSVFD		MSVFD	
VN1 VN2 VN3 VN4 VN5 VN6 VN7	MMNKNRSR		MMNKNRSR		DDIICKSL		DDIICKSL		TNDFFIHVT		LMSLFVL		LMSLFVL	
	YTDNIRNT		YTDNIRNT		LRLYRTR		LRLYRTR		QWCSII		MSVFD		MSVFD	
	HDSNIRNT		HDSNIRNT		LLYRTR		LLYRTR		IIPMSYL		MSVFD		MSVFD	
	STIRNTFST		STIRNTFST		YRTR		YRTR		QSCSI		MSVFD		MSVFD	
	HVDTIMKIT		HVDTIMKIT		MFSE		MFSE		IIPMSYL		MSVFD		MSVFD	
	YGVVDKQAI		YGVVDKQAI		FFEVVIGIS		FFEVVIGIS		IIPMSYL		MSVFD		MSVFD	
	YGVVDKQAI		YGVVDKQAI		FFEVVIGIS		FFEVVIGIS		IIPMSYL		MSVFD		MSVFD	
VN1 VN2 VN3 VN4 VN5 VN6 VN7	MMNKNRSR		MMNKNRSR		DDIICKSL		DDIICKSL		TNDFFIHVT		LMSLFVL		LMSLFVL	
	YTDNIRNT		YTDNIRNT		LRLYRTR		LRLYRTR		QWCSII		MSVFD		MSVFD	
	HDSNIRNT		HDSNIRNT		LLYRTR		LLYRTR		IIPMSYL		MSVFD		MSVFD	
	STIRNTFST		STIRNTFST		YRTR		YRTR		QSCSI		MSVFD		MSVFD	
	HVDTIMKIT		HVDTIMKIT		MFSE		MFSE		IIPMSYL		MSVFD		MSVFD	
	YGVVDKQAI		YGVVDKQAI		FFEVVIGIS		FFEVVIGIS		IIPMSYL		MSVFD		MSVFD	
	YGVVDKQAI		YGVVDKQAI		FFEVVIGIS		FFEVVIGIS		IIPMSYL		MSVFD		MSVFD	

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FIGURE 4B

II

III

I. EP3B 59 SKRKKSFLLCIGWLAALTDLVGQQLTSPVVILVYLLSQRRWEQL---DPSGRCLTFGLTMTVFGLSLLVVASAMA 121
 VN2 43 GQRSLTDLPIGLSLINLMLLIMACIATDIFISCRRWDDIICKSLLYLYRTFRGLSLSTTCLLSVLQAIIILS 105

FIGURE 4C

III

VN6 KCKSLAHLHRLRLRGLSLCATCLLSIFQAITLSPRSSCLA
HG25 NISPVYIYRYRLMRGLSISTITCLLSVLQAINLTPRSSRLA

IV

VN6 KSTQHSLCSLLVLAIFYMSCGTHYSFTIVADYNFSSRSLIFVTIESCIILPMDYITRDLEFFILGIFRDVSFIFGLMALSSGYMVALLC 215
HG25 RSSHHKPRCFLLWVFFHISISGSFLVSTLPSKNVAQNSVTFVTQSCSAGPLSCFLGQTIETLMTFQDVSL-QLMAPFSGYMWILLC

V

VI

VN6 RHRKGAQHLHRTSLSPKASPEQRATRTILLMSFFVLMYCLDCTISASR 263
HG25 RHNRRQSQHLHSINLSPKAPPDKRAIQSILLVVSFFVFMCLFPFAALTLL

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FIGURE 5B FIGURE 5D FIGURE 5F FIGURE 5H
 FIGURE 5A FIGURE 5C FIGURE 5E FIGURE 5G FIGURE 5I

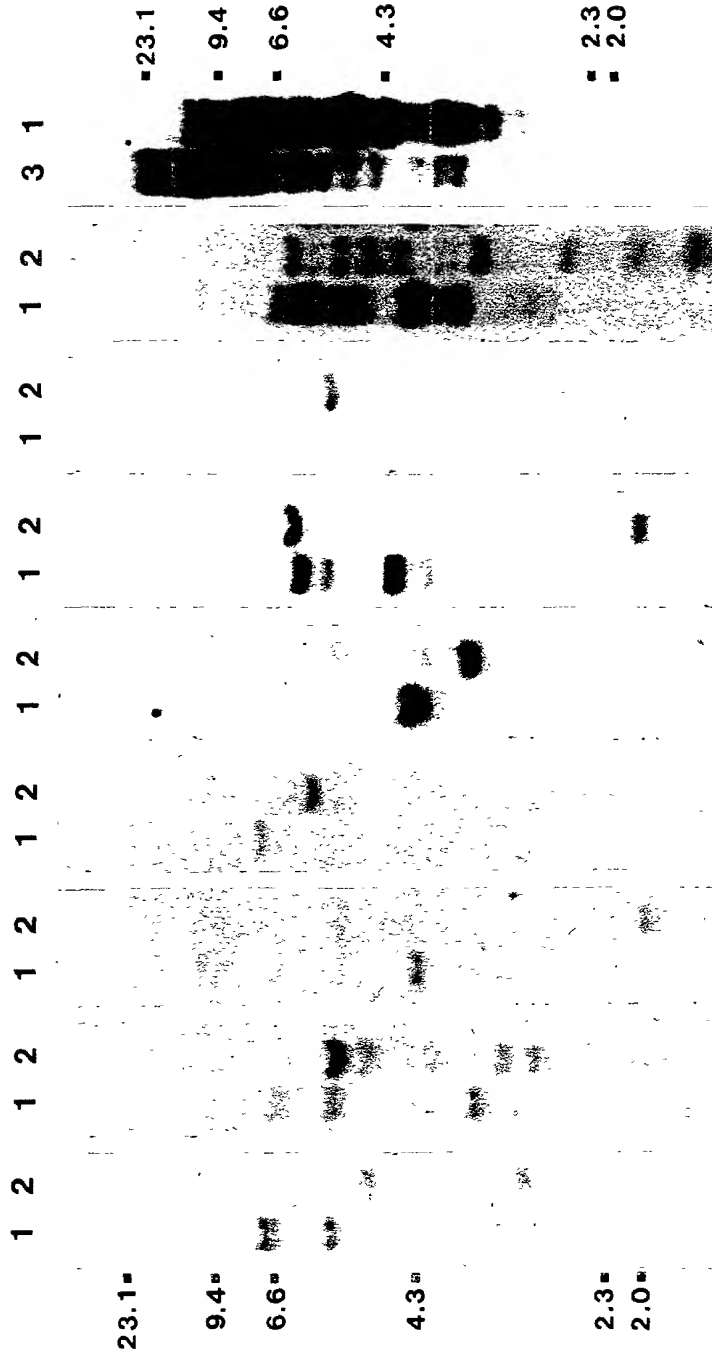


FIGURE 6C

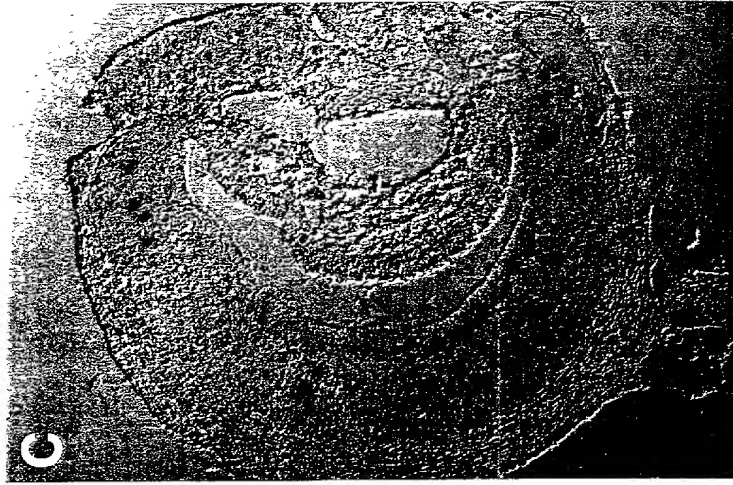
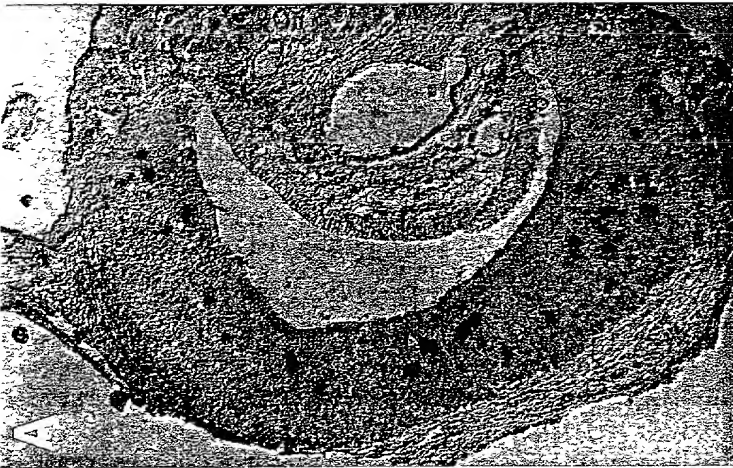


FIGURE 6B



FIGURE 6A



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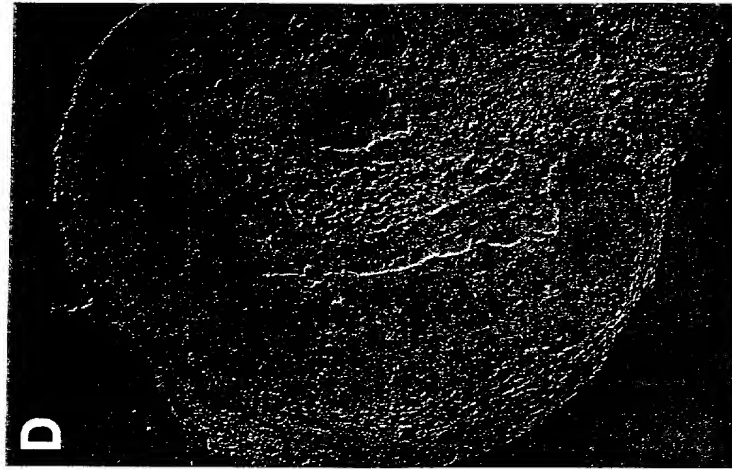


FIGURE 6D

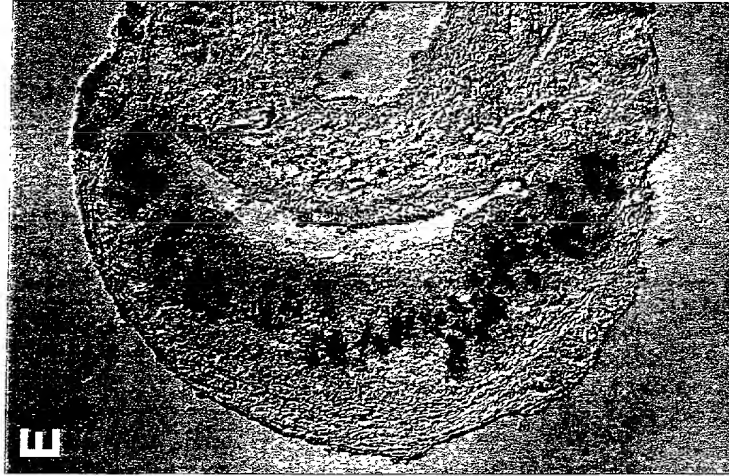


FIGURE 6E



FIGURE 6F

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FIGURE 7



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T0E020"SF+00000

FIGURE 8

TTTCGGCACGAGTTCACCTGCCCTCGAATTTCAATTTGAGTAAGTGACCAGC
AATGGAGTACAGAATCAGAAGATGGTTGGATCCCAGGCAGGCTGTGGGAGG
AGGAACTCTGGAAGTGCATGAGGAGTTTGAGCACCTGCCATGGAGTAGCTG
ATCTCTGAGGACCCCTCANCACAGGTCTGTGTTCTACATCAAGTGACATATT
TTTCCTAGGATATTCATTTCCGTAAGTCCTGAAATTACTTAATTTTATAG
GAGTTCTCATATATGATGAATAAGAACAGCAGACTCTACACTGATTCTAA
CATAAGGAATACCTTTTTTCGCTGAAATTGGCATTGGAGTCTCAGCCAATAG
CCTCCTACTTCTCTTCAACATCTTCAAGTTAATTTGTGGGCAGAGGTCCAGA
CTCACTGACCTGCCCATTGGTCTCTTGTCCCTAATCAACTTACTTATGCTACT
GATGACGGCATTTCATAGCCACAGACACTTTTATTTCTTGGAGAGGGTGGGA
TGACATCATATGTAAATCCCTTCTCTACCTGTACAGAACTTTTAGAGGTCTC
TCTCTTTGTACCAGCTGCCTGTTGAGTGTCTGCAGGCCATCATCCTCAGTCCC
AGAAGCTCCTGTTTAGCAAAGTTCAAACATAAGCCTTCCCATCACATCTCCT
GTGCCATTCTTTCTCTGAGTGTCTCTACATGTTTATTAGCAGTCACCTCTTA
GTATCCATCATTGCCACCCCAAATTTGACCACGAATGACTTTATTCATGTTA
CTCAGTGGTGCTCTATTCTACCCATGAGTTACCTCATGCAAAGCATGTTTTCT
ACACTGCTGGCCATCAGGGATGTCTTTCTTATTAGTCTCATGGTCTGTCAAC
ATGGTACATGGTGGCTCTCTTGTGTAGGCACAGGAAACAGACCCGGCATCTT
CAGGGTACCAGCCTTTCCCCAAAAGCATCCCCAGAACAAAGGGCCACCCGTT
CCATCCTGATGCTCATGAGCTTATTTGTTCTGATGTCTGTCTTTGACAGCATT
GTCTGCAGCTCAAGAACTATGTATCTGAATGATCCAATATCTTATTCTTAT
CAACTATTTATGGTGCACATCTATGCCACAGTAAGCCCTTTTGTGTTTATTG
TCACTGAAAAACATATAGTTAACTCTTTGAGGTCCATGTGTGTGAAGGTGC
ATGAATGTTTGAATATTCCTTGATAGCAAGCTCCATTAAGAGGAGCCAAT
GTAAGCATCAGAAGTGTCAATCATGGCGTGCTATGTGCTTTGGCATATGTG
AAATATGAAGTTGTTTTTCTGTAAATGATTTACTTTAACTGACGAGAT
GATGAACGTAACAGAAGATTAAACCACATCCCCCTTGATAT

FIGURE 9

GTGGATCCCCCGGGCTGCAGGAATTCGGCACGAGCCGTGATTAAGGGACTTTG
AACTTTTCAAGGGATTTGGAGTTTTATGAAGAATTTGAAGATTTACAGAG
TTTACAGGAATGGAGCTGACCAGCCACTATGACATGCCTTATATCTCCAAG
AGCATAAATATAAGGCATGGCATGAGAGGACCAGCAGCCACTGTTCTCAT
ATATGATGAATAAGAACAGCAGAGTCCACACTGATTCTACCATAAGGAA
TACCTTCTCCACTGAAATTGGCATTGGAATCTTAGCCAACAGTTTCCTACTT
CTCTTCCACATCTTCAAGTTTATTCGTGGACAGAGGTCCAGACTCACTGACCT
GCCCATTGGTCTCTTGTCCCTAATCCACCTACTGATGCTACTGATGGGGGCAT
TCATAGCCATAGACATTTTTATTTCTTGGAGGGGATGGGATGACATCATAT
GTAAATTCCTTGTCTACTTGTACAGAAGTTTTAGAGGTCTCTCTCTTTGTAC
CACCTGCATGTTGAGTGTCTGCAGGCCATCACCTCAGCCCCAGAAGCTCCTG
TTTAGCAAAGTTCAAACATAAGTCTCCCCATCACGTCTCCTGTGCCATTATT
TCGCTGAGCATCCTCTACATGTTCAATTAGCAGTCACCTCTTAGTATCCATCA
ATGCCACCCCCAATTTGACCACGAACAACCTTTATGCAAGTTACTCAGTCCTG
CTACATTATACCCTTGAGTTACCTCATGCAAAGCATGTTTTCTACACTTCTG
GCCATCAGAGATATCTCTTATTAGTCTCATGGTCCTCTCGACTTGTTACAT
GGAGGTTCTCTTGTGTAGGCACAGGAATCAGATCCAGCATCTTCAAGGGACC
AACCTTTCCCCAAAAGCATCTCCAGAACAAAGGGCCACACAGACCATCCTG
ATGCTCATGACCTTCTTTGTCCTAATGTCCATTTTCGACAGCATTGTCTCCTG
TTCAAGAACTATGTATCTGAATGATCCAACATCTTACTATATTCAAATAT
TTGTAGTGGACATCTATGCCACAGTCAGCCCTTTTGTGTTTATGAGCACTGG
AAAACATATAGTTAACTTTTTGAAGTCCATGTGTGTGAGGGTGAAGAATG
TTTGAATATTCATTAATGGACAAGATCCTTTAAGAGGAGCCAATGTAGTC
ATCAGAACTGTCAGTCATGGTGTGCTGTCTATGTGCTTTGGTAAATGTGAA
TCATGAAGTTGTTTTTCTGGTAAAATGATTTACTTTAACCAACTCATGATT
GTAAACATGTAACAGGAGATTAAACAATATCCCCTTCGGAAA

FIGURE 10

AATTCGGCACGAGCAAAGGCAGGGAAGATGCTCCACTGGGATGTCATGTCTC
TATGCTCCACAGTGGAAAAGTTGTACATTGTACAAACACTAAAATTACG
AATTGCTCACAGGCACTAAAAGCTTCCTTAATCCTGTGCAGGATCTCCTCAG
GTACAGAGTCCTCCTGATACGTCTATCTGGTCAGAGGAAAGAGCTGATCAG
TCATTAACAGAGCTGATTTGGTCCCTCCAAGGTCACATGACAAGGACTGTA
TGAGAAAACCAGCAGTGACATGTCTATAGAGATCATTCTGTGCCACACCCA
GCTCCATGTTTGGTTTGTGGTATTTGCTTCCTATCCACATACAATGAATAAA
GACAACACACTCCATGTTGACACAATCATGAAAATCACTATGTTCTCTGA
AGTGAGTGTTGGCATCTTAGCTAACAGTATCCTGTTTTTTGGTCACCTGTGC
ATGCTCCTTGGAGAGAACAAGCCTAAGCCCATTCTCTCTACATTGCATCCT
TGTCCTTAACACAATAATGCTGCTTATAACTATGGGACTCATAGCTGCTG
ACATGTTTATTTCTCAGGGGATATGGGATTCTACCTCATGCCAGTCCCTTAT
CTATTTGCACAGGCTTTCGAGGGGTTTTACCCTTAGTGCTGCCTGTCTGCTGA
ATGTCCTTTTGGATGATCACTCTCAGTTCTAAAAAATCCTGTTTAACAAAGT
TTAAACATAACTCTCCCCATCACATCTCAGGTGCCTTTCTTCTCCTCTGTGTT
CTCTACATGTGTTTTAGCAGTCACCTTATTTTATCGATTATTGCTACCCCTA
ACTTGACCTCAGATAATTTTATGTATGTTACTAAGTCCTGTTCAATTTCTACC
CATGTGTTACTCCAGAACAAGCATGTTTTCCACAACAATTGCTGTCAGGGA
AGCCTTTTTTATCGGTCTCATGGCCCTGTCCAGTGGGTACCTGGTGGCTTTCTTCA
AAGTCATCTCCAGAGCAAAGGGCCACCGAGACCATCCTGCTGCTTATGAGTT
TCTTTGTGGTTCTCTACATTTTGGAAAATGTTGTCTTCTACTCAAGGATGAA
GTTCAAGGATGGGTCAACATTCTACTGTGTCCAAATTATTGTGTCCCATAGC
TATGCCACTGTCAGCTCTTTTGTGTTTATTTTCACTGAAAAGCGTATGACTA
AGATATTGAGGTCAGTGTGTGCCAGAATAATAAATAAATTGATTATTCAGT
GATGGGTATTGCCCTTAGAATAAACCATTACGTTGTCATCAGAGGTTTGG
GTCATGACATAATTGGGACATTCTCTGTCTTAAATTGATAAATGAAATTT
TCTTTTTTCTGTTAAACTGTTTCCTTTGTGTGTGGATGCCCAATATATGA
AAGAAAATAAACACCATGTCTCTTACATATCCAACCAAAAAAAAAAA
AAA

TTTTTCCCACCTCTTCATGCTCTTTGAAAAGAACAGATCTAAGCCCATTGA
TCTCTACATTGCTTTTCTTATCCTTAACCCAACTAATGCTGCTTATAACTATT
GGACTTATAGCTGCAGACATGTTTATGTCTCGGGGGAGATGGGATTCTACCA
CATGCCAGTCCCTTATCTATTTGGACAGGCTTTTGAGGGGTTTTACCTTTGT
GCTACCTGTCTGCTGAATGTCCTTTGGACCATCACTCTCAGTCCTAGAAGCTC
CTGTTTAACAACATTTAAACATAAATCTCCCCATCACATCTCAGGTGCCTT
TCTTTTCTTCTGTGTTCTCTATATATCTTTTGGCAGTCACCTCTTTTTATCAA
CAATTGCTACCCCCAATTTGACTTCAGATAATTTTATGTATGTTACTAAAT
CCTGTTCAATTTCTACCCATGAGTTACTCCAGAACAAGCATGTTTTCCACACC
AATGGCCATCAGGGAAGCCCTTCTTATTGGTCTCATTGGCCTGTCCAGTGGGT
ACATGGTTGCTTTCCTATGGAGACACAAGAATCAGGCCCGGCATCTTCACAG
CACCAGCCTTTCTTCAAAAGTGTCCCAGAGCAAAGGGGCCACCAGGACCATC
ATGATTCTCATGAGCTTCTTTGTGGTTCTCTACATTTTGAAAATGTTGTCT
TCTACTCTAGGATGACATTCAAGGATGGGTCAATGTTCTACTGTGTCCAAA
TTATTGTGTCCCATAGCTATGCCACCATCAGCCCTTTTGTGTTTATTTGCACA
GAAAAGCGTATAATTAACCTTTGGGGGTCAATGTCTAGCAGAATAGTAA
GTATTTGATTACTCAGTGATGGATATGGTCCCTTAATATAAACCAATATG
TTGTCATAATAACTATGGATCATGACATATTGGGGACATTCTGTGTCTTAA
ATTTATAAAAAAAATTTTCTTTTTTTTGTGTTTAATCTGTTTCCCTTGTGTG
TGGATGATTAAGTATATAAAGGGGAAATTAACAGCGTGTCCCCTCAGATAT
CCAAAAA

FIGURE 12

GGGCTGCAGGAATTCGGCACGAGTCAGAGTCCTTCCCTGCTATGTGTATCTGG
AGCCAGCGACTCTTCTATGGAGAGCAGCTGTGCAGGCAGGTGGTGGAGCGGA
AGAAGGCGTGCTGCTGTGACATCATCAAGATGCTGCCTAGCCCTGCGTCGCTG
CTCTTCTGAGGAAGCAGGAGACTGACCCCTGTGACAATGACTTGATGAGTCA
CTCTGTTGTCTACTTACCCTAGTTCTTTGTCCCATACAATGAGGAGAATCAG
CACACTGTATGGAGTTGTTGACAAGCAAGCTATATTTTTCTCTGAAGTAGT
CATCGGGATCTCATTCAACAGTATCCTCTTCCTCTTCCACATCTTTCAGTTCC
TTCTTGAGCGTAGGCTCCGGATCACTGACCTGATCATCAGTCTCTTGGCCCTC
ATCCACCTTGGGATGCTAACAGTCATGGGATTCAGAGCTGTTGATATTTTTG
CATCTCAGAATGTGTGGAATGACATCAAATGCAAATCCCTTGCCCACTTAC
ACAGACTTTTGAGGGGCTCTCTCTTTGTGCTACCTGTCTGCTGAGTATCTTCC
AGGCCATCACCCCTTAGCCCCAGAAGCTCCTGTTTAGCAAAGTTCAAATATA
AATCCACACAGCACAGCCTGTGTTCCCTTCTTGTGCTCTGGGCCCTTCTACATGT
CCTGTGGTACTCACTACTCCTTCACCATCGTTGCTGACTACAACCTCTCTTCAC
GCAGTCTCATATTTGTCACTGAATCCTGCATTATTTTACCCATGGATTACAT
CACCAGGGATTTATTTTTTCATATTGGGGGATATTTTCGGGATGTGTCCTTCATA
GGTCTCATGGCCCTCTCCAGCGGGTACATGGTGGCCCTCTTGTGCAGACACAGG
AAACAGGCCCAGCATCTTCACAGGACCAGCCTTTCTCCAAAAGCATCCCCAG
AGCAAAGGGCCACCAGGACCATCCTGTTGCTCATGAGCTTCTTTGTGTTGAT
GTACTGCTTGGACTGCACCATATCCGCCTCCAGACTTATGCACAACGGTGAA
CCAATCCACCACAGTATTCAGATGATGGTCTCCAATAGCTATGCCACCCCTCA
GCCCTTTGCTGTTAATTGTTACTGAAAATCGAATTAGTAGGTTTTTTGAAGT
CCTTGCTAGGAAGGACAGTAGATGCTTAAGTATTGAGGGGAGGCAGGCCCA
CTAAAGGAGCCAATATGCTAGCTACTGAATAATGAATCCTGGCCTAGTCCT
CATGCAATCCTGAACAAATTAATACATGACTCATGCTTCGTTAAACCTGCT
TCTTTTGAAATGTGTATTACCAACACCTGTAGATATTTGAGTCAAATTTCT
TCATGTGTATTTCTTCTCAGTGTCAGTAGGGGACATCTGTGACACTTTCACA
GATTAGGGTAACTTGTGCACTTATCAATAAGCTAAAGTGTACAGCACATT
TACTAAGCCAATTATCTCAACAGTTTGTTTTCTACCCAATTAAATATGTA
AATGTTACCACCAAAAAAAAAAAAAAAAAAAAAA

FIGURE 13

TTGGGGTAAAACGGCTCGATGACTTCCACATGTTTTGCCATGGCAGAATCTG
CTCCATGCGGGACAAGAAAATCTCTTTTCTGGTCTGACGGNGCTTACTGCTG
AATTCAGTGTTCGGCGAAGGTAAGTTGATGACTCATGATGAACCCTGTTCTA
TGGCTCCAGATGACAAACATGATCTCATATCAGGGACTTGTTTCGCACCTTCC
CTAACAGTATCCTGTTTTTTTGCCACCTCTGCATGTTCTTTGAAGAGAACAG
GTCTAAGCCCATTGATCTGTGCATTGCTTTCTTATCCTTAACCCAACTAATG
CTGCTTGTAACATATGGGACTCATAGCTGCAGACATGTTTATGGCTCAGGGGA
TATGGGATATTACCACATGCAGGTCCCTTATCTATTTTCACAGACTTTTGAG,
GGGTTTCAACCTTTGTGCTGCCTGTCTACTGCATATCCTTTGGACCTTCACTCT
CAGTCCTAGAAGCTCCTGTTTAAACAAAGTTTAAACATAAATCTCCCCATCA
CATCTCAGGTGCCTATCTTTTCTTCTGTGTTCTCTATATGTCCTTTAGCAGTC
ACCTCTTTGTATTGGTCATTGCTACCTCCAATTTAACCTCAGATCATTTTAT
GTATGTTACTCAGTCCTGCTCACTTCTACCCATGAGTTACTCCAGAACAAGC
ACGTTTTCTTACTGATGGTCACCAGGGAAGTCTTTCTTATCAGTCTCATGGC
CCTGTCCAGTGGGTACATGGTGACTCTCCTATGGAGGCACAAGAAGCAGGCC
CAGCATCTTCACAGCACCAGACTTTCTTCAAAAGCATCCCCACAGCAAAGGG
CCACCAGGACCATCCTGCTGCTTATGACCTTCTTTGTGGTTTTCTACATTTTA
GGCACTGTTATCTTCCACTCAAGGACTAAGTTCAAGGATGGGTCAATCTTCT
ACTGTGTCCAAATTATTGTGTCCCATAGCTATGCCACTATCAGCCCATTTGT
GTTTGTTTTTTCTGAAAAGCGCATAATCAAGTTTTTTAGATCAATGTGTGG
CAGAATAGTAAATACTTGATTATTCAGTATGAGTATGGGTCATGAATAT
AGTCTAGTAAATTGTGATCAGAGTTATGGCTCATGACATATTA AAAACAT
TCTCTAATTTAAGTTTAAACATATAAAATTATCTTATTTCTCTTAAATGTG
TTTACTTTGTGTGTATTA AAAAGTATGTAAAAGATAATTAATCCCCAAAT
ACACCTTTTTTTCAAATTA AAAAA

FIGURE 14

1	AAACATAAGT	CCAGTTATCT	ACAGGTACAG	GTGATGAGA	GGCCTCTCCA	TTTCCACCAC
61	CTGCCGTGTG	AGTGTCCTCC	AGGCCATCAA	CCTCACCCCA	AGGAGCTCCC	GTTTGGCAAT
121	GTTCAGAGAT	CCTCACATCA	CAAAACCGGT	TGCTTTCTCT	TGCTGTGGGT	CTTCCACATA
181	TCCATTAGTG	GAAAGCTTCT	AGTCTCCACT	CTTCCCTCCA	AAAATGTTGC	CTCAAATAGT
241	GTTACATTTG	TCACTCAATC	CTGCTCTGCT	GGGCCCCCTGA	GTTCCTTCCT	TGGGCAGACA
301	ATTTTCACAC	TGATGACATT	TCAGGATGTC	TCCTTGCAGC	TCATGGCCCC	CTTCAGTGGA
361	TACATGGTGA	TTCTCTTTTG	CAGGCATAAC	AGGCAGTCTC	AGCATCTTCA	TAGTATCAAC
421	CTTTCGCCAA	AAGCACCCCC	AGATAAAAGG	GCCATCCAGA	GCAATTCTTT	GCTCGTGAGT
481	TTCTTTTGTT	TCATGTGCCCT	TTTCCCAATT	GCTGCCTTAA	CACTTCTGTC	